



WikiCite 101

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WikiCite



- 2006: Project to improve references on Wikipedia
- 2011: Proposal to create a page for every reference, citation or source in Wikimedia projects
- 2012: Wikidata is created
- 2016: Current form of WikiCite – using Wikidata as the repository for open citations and linked bibliographic metadata

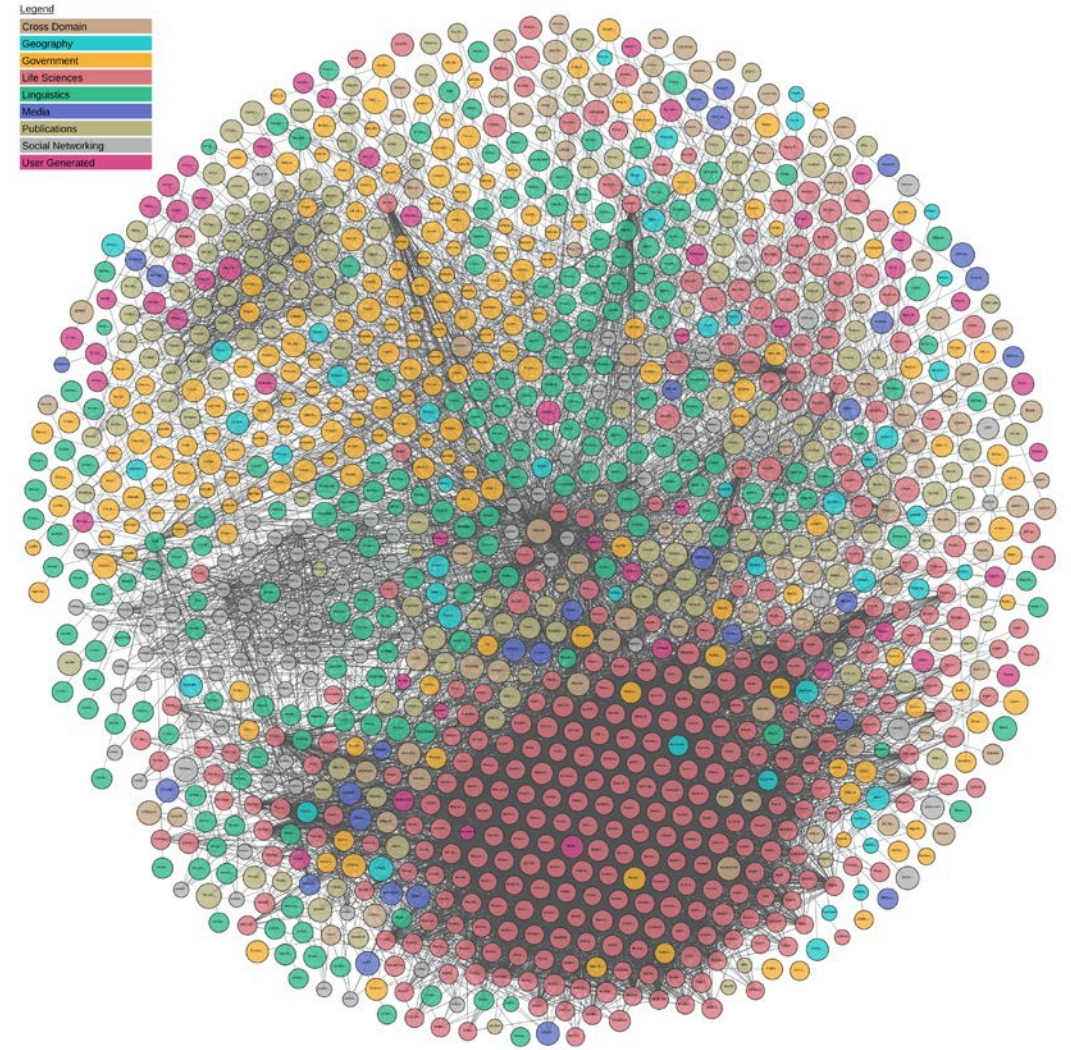
Wikidata



- Went live in 2012
- Free and open knowledge base that can be read and edited by both humans and machines
- Central storage for the **structured data** of its Wikimedia sister projects including Wikipedia, Wikivoyage, Wiktionary, Wikisource, and others
- 62.5 million data items
- 5.8 billion “triples”

Linked data web

- Wikidata is an important and growing part of the linked data web
- Data items in Wikidata are linked to each other, but also to external data sources via their identifiers
- <https://lod-cloud.net/dataset/wikidata>



The Linked Open Data Cloud from Wikidata



The T-shirt metaphor

- M: Citation database for Wikipedia
- L: All scholarly articles
- XL: All bibliographic metadata
- Basically, both WikiCite and Wikidata have outgrown their original missions

Wikidata in Wikimedia ecosystem

- On Wikipedia:
 - Authority control
 - Interlanguage links
 - Interproject links
- On Wikimedia Commons:
 - Infoboxes
 - Structured data (depicts)

Imports

- Can be necessary to work quickly
- But can cause problems with accuracy and duplication
- A balance is needed between automation and the “human touch”
- Curation is important – data editors working in their field of interest/expertise

Notability in Wikidata

- Not as strict as Wikipedia
- “Structural need”



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Conflict of interest in Wikidata

- Also not as strict as Wikipedia
- Compilation of facts and linked data – not much scope for promotion, point-of-view pushing, or opinion



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Researcher/author

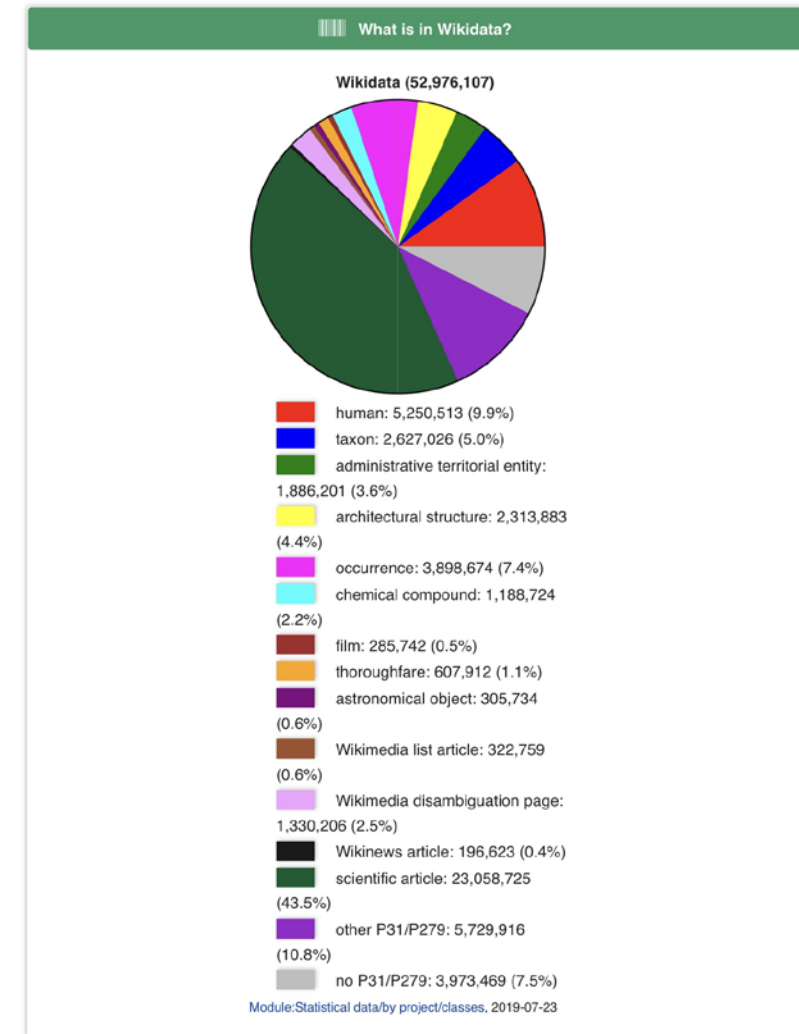
- Name
- Sex/gender
- Occupation
- Employer
- Education
- Country of citizenship
- Dates and places of birth and death (but be aware of BLP)

Researcher/author identifiers

- ORCID
- Google Scholar
- Scopus
- ResearchGate
- ResearcherID/Publons
- Semantic Scholar
- And many, many more...

Scholarly article

- Title
- Authors (linked if possible)
- Published in (which journal)
- Volume and issue
- Pages
- Main subject
- Cites



Publication identifiers

- DOI
- PubMed ID
- ZooBank Publication ID
- ISSN
- ISBN

What else?

- Journals
- Books
- Websites/online databases

Reconciliation

- Imports cannot necessarily reconcile one record with an existing item
- One person can have many different variations of their name
 - Initials
 - Transliteration
 - Hypocorisms or nicknames
 - Name change
- Authority control IDs are important!

Authority control

WorldCat Identities [↗](#) • VIAF: 116796842 [↗](#) • LCCN: n97108433 [↗](#) • ISNI: 0000 0001 2148 628X [↗](#) • GND: 122340469 [↗](#) • SELIBR: 88158 [↗](#) • SUDOC: 050222937 [↗](#) • BNF: cb135200136 [↗](#) (data) [↗](#) • BIBSYS: 14011193 [↗](#) • MusicBrainz: 569c0d90-28dd-413b-83e4-aaa7c27e667b [↗](#) • NLA: 35627515 [↗](#) • NDL: 00765052 [↗](#) • NKC: jo20000071115 [↗](#) • BNE: XX972935 [↗](#) • CiNii: DA12381535 [↗](#) • SNAC: w6640xnr [↗](#)



Disambiguation

- Some names are common and several people can have the same name, and even work in the same field
- Particularly where initials are used in author listing

What's the downside?

- Wikidata is difficult to understand, particularly when used to a relational model
- Mistrust on other projects (such as English Wikipedia)
- Resource issues (server problems, query timeouts, rate limiting)
- Coverage of non-academic publications is not great, but getting better

What's the upside?

- What is being created is the most comprehensive bibliographic knowledge graph ever
- Not only that, everything is linked: geography, films, events, awards
- It's all free and open
- YOU can contribute and help

Links to useful sites and tools

- Scholia: <https://tools.wmflabs.org/scholia/>
- Author Disambiguator: <https://tools.wmflabs.org/author-disambiguator/>
- QuickStatements: <https://tools.wmflabs.org/quickstatements/>
- Wikidata Query Service: <https://query.wikidata.org>

Wikimedia Australia

- We're here to help ...
- Advice on using Wikipedia (and other wiki projects)
- Edit training
- Access to community and grants



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